



# CORNELL PUMP COMPANY

## Close-Coupled Immersible Pumps

### APPLICATION

- Ideal for dry-pit applications where there is the possibility of flooding
- Can withstand up to **30 feet of submergence for a 2 week period**, far exceeding industry standards
- Competitive models only allow immersion for 30 minutes at a submergence of 3 feet

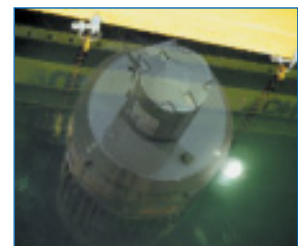
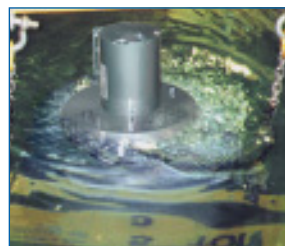


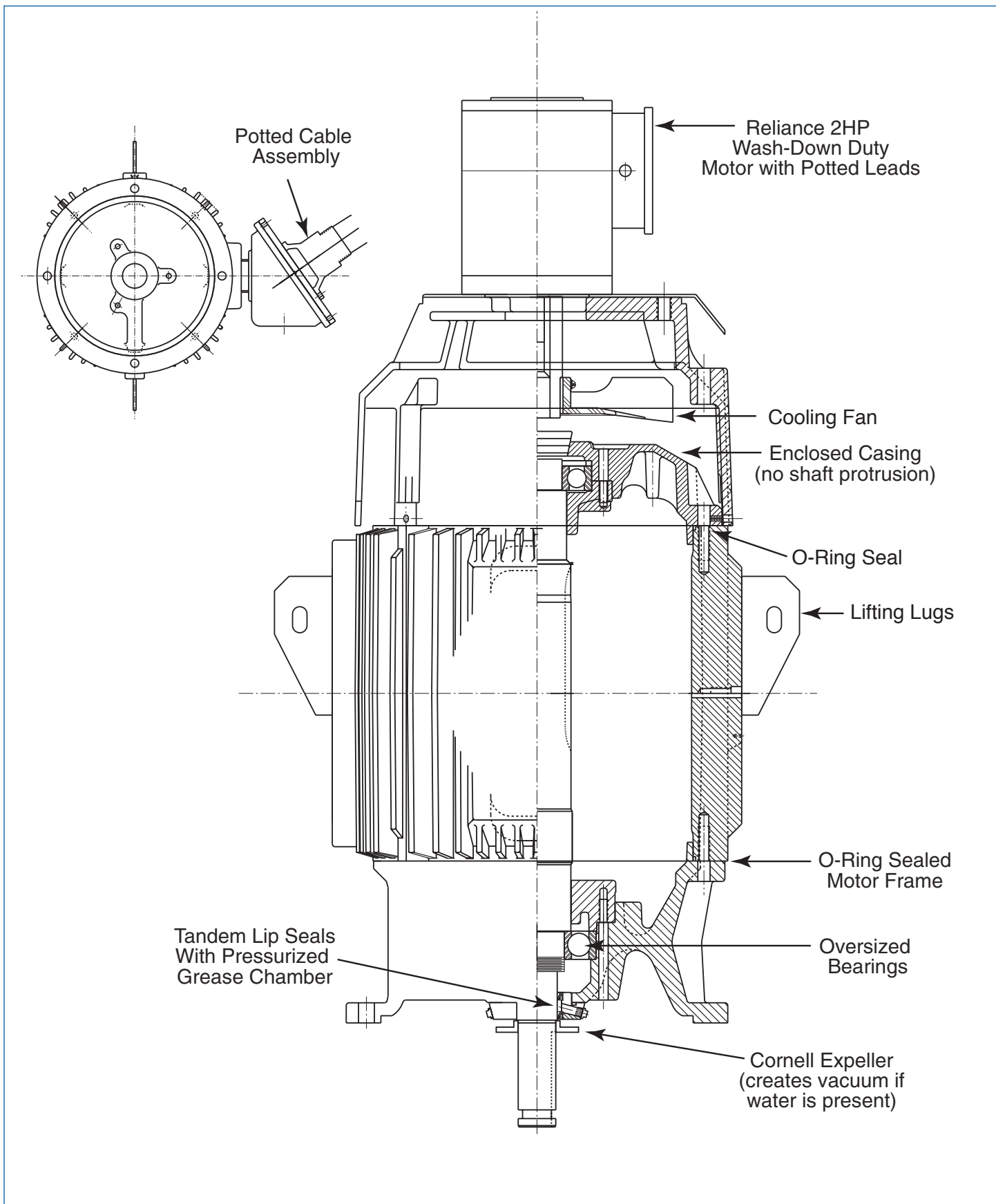
### MOTOR DATA

- 2 - 150 HP
- Totally Enclosed, Blower Cooled (T.E.B.C.)
- 180 - 449 Frames
- Contains duty, three-phase, 600 volt and below Class F insulation

### FEATURES & BENEFITS

- **Easy service:** Can be serviced by any motor shop.
- **Lower initial cost:** No cooling jackets, clean water recirculating pumps or piping required.
- **Lower operating cost:** Motor efficiencies are inherently higher in T.E.B.C. motors.
- **No cooling jackets:** There are no jackets that might clog or need periodic maintenance and inspection.
- **Various Seal Options available**
- **Longer service life:** The pump's bearing frame absorbs hydraulic loading resulting in an L10 bearing life of 100,000 hours.
- **Safety:** Eliminates the health and safety concerns connected with sewage fluid handling during inspection and maintenance procedures. Other motor types require extensive cleaning.
- **Unique Blower Design:** A separate blower motor eliminates shaft protrusion through the top of the motor, removing a potential leak source.
- **Pumps offered with:** Cycloseal® flushless seal design, centerline and tangential volutes and both left and right hand rotation.





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